

SUBSTITUTE FOR PAGE 5 OF THE SPECIFICATION

A16 4,197,842 and 4,438,764. However, these references appear to be directed only to use by a trained medical professional and none of these references includes the use or storage of any medications to be administered to or self-administered by a person displaying symptoms of a serious illness such as a heart attack or a stroke.

Brief summary of the invention

The present invention overcomes the problems cited in the prior art by providing a patient usable emergency medical kit that includes a breathable oxygen supply and a medication that may benefit a person displaying symptoms of a heart attack, a stroke or another medical condition that may cause, infarction or otherwise reduce oxygenation in the victim. The patient usable emergency medical kit is compact and lightweight for easy portability. Moreover, the medical kit requires no power supplies or electronics to provide a potentially life saving treatment. The kit is self-explaining and usually does not require special training to operate or administer the required treatment to a victim of a serious illness and if the victim is able, the treatment provided may be self-administered. The emergency medical kit of the present invention is particularly beneficial for a person that may be prone to or at risk of suffering from a particular medical condition that may result in infarction, from an ischemic event, or may suffer any risk from otherwise reduced oxygenation. A physician will prescribe the emergency medical kit to a patient that is prone to or at risk of suffering a particular serious illness. The treatment provided by the contents of the kit should at least include the administration of breathable oxygen. The treatment may also include the administration of a medication for assisting in saving the life of or reducing permanent tissue damage in the victim.

SUBSTITUTE FOR PAGE 16 OF THE SPECIFICATION

A¹⁶ According to the present invention, a person that has had a previous heart attack, has arterial or venous disease or is at high risk of either would carry a medical kit that includes breathable oxygen and a medication that may reduce the tendency for blood clotting, reduce the need for oxygen, slow the heart rate, maintain cardiac rhythm relax the arteries and veins or protect the brain from secondary injury due to lack of oxygenation caused by stroke. The medication type and dosage will be predetermined by a physician in advance and packed in the kit of the present invention. The kit could be provided for everyday availability or to a person or could be provided to a person temporarily if the person will be far from medical attention, e.g. in a remote area or on a sailing vessel. The selection of the medication will be determinable by the personal physician of the person. Thus according to the present invention, the emergency kit may include anyone of the above listed agents that affect thrombus or blood clot formation including acetylsalicylic acid, aspirin-dipyridamole, clopidogrel, heparins and glycoprotein IIb/IIIa inhibitors. The kit might also include various so-called cardioprotective agents such as beta-adrenergic antagonists (Beta Blockers), antiarrhythmics such as magnesium, angiotensin converting enzyme (ACE) inhibitors and other agents effective in treating cardiac trauma. In particular, the present invention may comprise breathable oxygen in combination with any medications which may be provided either individually or in combination as prescribed or otherwise recommended by a physician or health professional to prevent death, reduce permanent damage or alleviate pain in the event of a heart attack, stroke, arterial trauma or any other attack of an illness that may be alleviated by breathable oxygen and medication in combination. In addition, the patient to whom the medical kit is provided should be informed of what symptoms or indications to look for and be instructed in the use of both the oxygen and the medication in the case of an emergency. The kit is portable so the patient may carry it when traveling or readily available